


[Back to search form](#)

## Search result

QUERY	
Search done on	7.4.2009 (16:31h)
Search ID	10536455
Database	Metallic compounds
Keyword 1	BAINITE
Composition (Dimension weight-%, Limit for optional components 0)	C 0.10-0.15 * NB 0.04-0.10 * B 0.001-0.005 * MO 0.15-0.35 * MN 1.3-2.0 * SI 0.15-1.30 * AL 0.01-0.08 * N 0-0.015 * Ti 0.0001-0.10 * FE-BALANCE
Sorted according to	Date of publication descending

## Compositions

Hits 35

1 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 7.4.2009 (16:31h)	
Field	Content
Publication	EP1808505 A1
Priority	JP2004293990
Application	EP0510200505793806
Applicant	Nippon Steel Corp
Inventor	Nonaka, Toshiki; Taniguchi, Hirokazu; Goto, Koichi
Title	High strength thin steel plate excellent in elongation and bore expanding characteristics and method for production thereof
Info	
IPC	C22C038/00
Composition nr	1
Composition	[weight-%]: C 0.03-0.25 * SI 0.4-2 * MN 0.8-3.1 * P 0-0.02 * S 0-0.02 * AL 0-2 * N 0-0.01 * V 0-1 * TI 0-1 * NB 0-1 * CR 0-2 * MO 0-1 * B 0-0.1 * MG 0-0.01 * REM 0-0.01 * CA 0-0.01 * FE REST
Keywords	(english)
	BAINITE
	HEAT-TREATMENT
	MARTENSITE
	PLASTIC
	TENSILE-STRENGTH
	(german)
	BAINIT
	WÄRMEBEHANDLUNG
	MARTENSIT
	PLASTISCH
	ZUGFEST